

Meetings, 2nd Thursday of month, KEEFE VOCATIONAL SCHOOL, 750 Winter Street, Framingham, MA - Room 201. MEMBER OF THE AMATEUR RADIO NEWS SERVICE.

June 1974

ELECTED OFFICERS

PRESIDENT	ENZO ROTATORI	WA1PYF
VICE PRES.	JIM BABISH	K1UUM
TREASURER	BOB ARMSTRONG	WA1RQF
SECRETARY	GEORGE KEARSLEY	

HERE IS WHAT YOU MISSED.

It was with great pleasure that W1DL Julie Hoffer former President (1962) of the F.R.C. was introduced to the group.

A Committee was formed to research the possibility of the Club buying a 2 meter F.M. rig and have it rotate among the members for one or two weeks, in order to try this mode without a large capital outlay. Committee members are Steve WA1LKF, Tony WA1MTI, Jim K1UUM.

A status report was given on the novice training classes being held by Ed WA1AGQ in Milford and Enzo WA1PYF and Jim K1UUM in Framingham. A preliminary summer picnic report was made by Steve WA1LKF.

Treasurers report shows a balance of 1537.16.

A film on inductance from ARRL was the program for the evening.

The Club's Annual Elections were held - 1 year terms

President	Enzo Rotatori	WA1PYF
Vice Pres.	Jim Babish	K1UUM
Treasurer	Bob Armstrong	WA1RQF
Secretary	George Kearsley	

Director Al Werner WA1ODY (3 years)

NEXT MEETING

The next meeting will be held on Thursday, June 13, at the Keefe Vocational School, Framingham. Time of the meeting is 8 p.m. in Room 201. Since Field Day is Saturday, June 22, the program portion of the meeting will be devoted to final arrangements for the Field Day.

The raffle prize will be \$10. Raffle tickets are 25¢ each - 5 for \$1.00. We need a donation for the door prize.

This is the last meeting before Summer. Why not plan to attend.

F.R.C. Rag Chew Net

Al WA1ODY did a F.B. Job as net control recently with 11 check-ins. Some night 10 meter will be open during the net and we will have our hands full with all that traffic.

I plan on ending the net on Wednesday, June 19. It will start again in September or October.

We continue to meet new friends. Check in and meet them.

THIS AND THAT

Two firsts for WA1PYF - first mobile 2 meter F.M. - First time on 6 meters (WA1MTI's Gonset).

Anyone publishing a Club Newsletter would find the \$3 annual cost for monthly issues of Amateur Radio News Service a good value. Good reprint articles and suggestions. For more information write: Secretary, Rosemary Willis, 9276 Borden Avenue, Sun Valley, CA 91352.

Nice to have John W1JDP, Sudbury check into the net recently.

Tony WA1MTI building filters for Field Day.

Steve WA1LKF just bought a new house.

Got a call from George W1CT, Weston, regarding volunteers to operate the Framingham Civil Defense Radio drill on the first Monday of each month - 7:30 p.m. for about a half hour. More details as I receive them.

QUESTIONS & ANSWERS

What part did each of the following men play in early electronics?:

1. Morse
2. Marconi
3. Henry
4. Farady
5. Edison

HOW DO YOU GIVE A BAD SIGNAL REPORT?

from Midwest Radio Watch

1. QRM is too high, can't really tell here OM
2. Gotta 20 over noise level, guy working on his ford.
3. Better than it was last week.
4. Battery is down in my hearing aid so....
5. Pretty good compared to
6. I'm not qualified as an OO, OM.
7. Dinner's ready, gotta run before they break my plate.
8. Anyone want to pick up the Service?
9. You're so strong my receiver just done a bottoms up.
10. Better ask someone who knows what your voice should sound like.

How many times have you been asked, "How's my audio, OM?", or "Do you detect any carrier on my signal (whistle-whistle-whistle). When you're on the hot seat you sure can't tell the guy that his signal sounds like a four year old talking through his pacifier after discovering Santa Claus is a fake....(As much as you'd like to).

Some signals on the band sound like a secret mixture of spark gap, AM, FM., SSB, powered by two "D" cells and a Model T Coil....

How do you tell a ham that his new \$50 speech processor sounds like someone dropping a handful of flat ball bearings on a broken bass drum?

Some of the rigs on the air, at their best, sound like a duet with Tiny Tim and Andy Devine accompanied by the Salvation Army complete with tambourines.

(cont'd)

To give a bad signal report is definitely not a way to make lasting friendships, or a gold star in ham heaven.

Have you ever told that WEEAAAKKK one that he's S2 and your buddy (?). next door, jumps in and says, "Twenty over here..." You immediately know you done went and dood it agin.. made a friend for life.

In amateur radio, signal reports are indeed very important. A fellow amateur's first opinion comes from the quality of your signal. It is of the utmost importance that all Midcars Service Controllers keep their signal as good as the state of the art. All signal reports should be given with diplomacy and the wisdom of King Solomon.

At the end of this murky mess gleams a ray of light...the tape recorder. A good one (not a \$15.00 import that you bought at a garage sale for \$1.50). Record his signal and let him decide for himself (off the Service, of course)

ANSWERS

1. Morse - Telegraphic signals invented by S.F.B. Morse.
2. Marconi - Developed a system of wireless telegraphy. Inventor of the horizontal directional antenna.
3. Henry - Discovered in 1832 the phenomenon of self-induction, invented an electromagnetic motor.
4. Faraday - Invented first electric generator, discovered benzol, two great discoveries--magnetoelectric induction and electrodynamic induction. The unit of electrical capacity (farad) and the unit of quantity of electricity (faraday) were both named in his honor.
5. Edison - Invented first electronic vote recorder. Inventor of the phonograph. In 1882 he completed the construction of the world's first central light and power plant on Peare Street, New York City. Acquired over 1200 patents during his lifetime. In 1960 Edison was elected to the Hall of Fame for Great Americans. His only schooling came at age 7 when he attended classes for 3 months!

POEM OF THE MONTH

WB9KUZ CALLED CQ----

I called CQ most patiently and awaited my reply
A ham came and told me I QRMed him nearby.

I told him I was sorry and I didn't mean a thing
And please don't take the attitude of a ding-a-ling.

He said he didn't mean it and not to get upset
These idiots who put the bands together have no regrets.

Old FCC does not think too kindly of thee when acting like a
fool

And yet if we really always thought, we'd always keep our cool.

Old friend please take some time to lend some courtesy
And do not act like that nut who was QRMed by me.

by WB9KUZ de Radio Watch

THE WAY IT GOES

by Julian Jablin, W9IWI (from the Circuit Board)

Nothing seems to emphasize the fact that one is getting older than the beginning of the New Year. However, there are certain other indicators which are equally significant. So. . . you can be sure that you're really an Old Timer if:

..... the term "kiloHertz" sounds funny to you.

..... You beep HI on your auto horn when you pass another car with a ham license plate.

..... You have a 6 foot relay rack in the basement with a 20 meter transmitter mounted therein.

..... You believe that FM is primarily good for listening to classical music.

..... You walk into Allied and ask for an 8 mfd. Condensor.

..... You can remember Allied.

..... The word "Rettysnitch" does not sound like technique for your XYL's needlepoint.

..... You remember when Heath manufactured airplane kits -- for real airplanes.

..... The term MOPA described the kind of transmitter you hoped to build.

..... A skywire meant a piece of wire strung between two trees, and not a collection of aluminum plumbing on an oil drilling rig.

..... You used an F-1 button as a microphone in your first AM rig.

..... You used AM, with no sense about which sideband.

..... A Novice meant a probationary priest.

..... CQ was the signal you sent at the beginning of a QSO, 73 was the signal you sent at the end. Ham Radio was your hobby, and QST was a magazine you read.

..... A drain was only the hole in the middle of the kitchen sink.

..... You had a pair of earphones which reproduced the same signal in each ear.

..... You had a receiver into which these earphones could be plugged.

..... You think that 10-4 is the score of a Cubs-Detroit game.

..... You remember having read out of the articles mention is "25 years ago" column in QST.

HEATHKITS---

As you probably would have guessed, Heath is the world's largest manufacturer of electronic kits (1972 sales \$66 million). They have now named a subsidiary of the Sony Corporation for exclusive representation in Japan.

de Newsletter

Delaware-Lehigh Amateur Radio Club Inc.

GET GOING MAN by Mel. W1BHD

Physical measurements of lengths as we now know them, terms such as inches, feet and yards, are rapidly being replaced with the METRIC SYSTEM OF MEASUREMENTS and new terms such as millimeter, centimeter are now appearing in radio publications. See W1BHD's portable 3 element pocket beam in the December 1973 issue of 73 magazine for an example of the use of Metric dimensions.

The accompanying METRIC CONVERSION CHART may be of some help to get you accustomed to this new system.

1 millimeter equals .001 meters or .039370 inches.

1 centimeter equals .01 meter or .3937 inches.

1 decimeter equals .1 meter or 3.937 inches.

1 meter equals 3.28084 feet.

1 kilometer equals 1,000 meters or .621371 mile.

SYM.	When you know:	Multiply by:		to find:	Symbol
in.	inches	2.54	(2.5)	centimeters	cm
ft.	feet	30.48	(30.5)	centimeters	cm
yd.	yard	0.9144	(0.91)	meters	M
mi.	mile	1.6093	(1.61)	kilometer	km
mm	millimeter	0.03937	(0.039)	inches	in.
cm	centimeter	0.3937	(0.39)	inches	in.
M	meters	3.2808	(3.28)	feet	ft.
M	meters	1.0936	(1.1)	yard	yd.
Km	kilometer	0.6214	(0.62)	mile	mi.
in.	inches	25.4	(25)	millimeter	mm

* * * * *

SYM	When you know:	Divide by:		to find:	Symbol
mm	millimeter	25.4	(25)	inches	in.
cm	centimeter	30.48	(30.5)	feet	ft.
M	meters	0.9144	(0.91)	yards	yd.

Numbers in () are - Written especially for the QRA NEWS.

Approximate

Mel. W1BHD Jan. 1974

HAM SLICES---

The F.B.I. is planning to finance the development of several automatic finger-print systems. The system will use optical-scanning to identify key characteristics of fingerprints. They now employ more than 3,000 people to manually search the approximately 25,000 inquiries it handles each day and compares them with the 20 million prints it has on file. The new equipment is expected to take about one-half second to locate a matching print, if there is one.

FRAMINGHAM RADIO CLUB PRESENTS A "GUIDE TO SUCCESS"

-----DEGREE OF PERFORMANCE-----					
PERFORMANCE FACTORS	FAR EXCEEDS JOB REQUIREMENTS	EXCEEDS JOB REQUIREMENTS	MEETS JOB REQUIREMENTS	NEEDS SOME IMPROVEMENT	DOES NOT MEET MINIMUM REQUIREMENT
QUALITY	Leaps tall buildings with a single bound.	Must make a running start to leap over medium sized buildings.	Can only leap over a short building or medium with no spires.	Crashes into buildings when attempting to leap over them.	Cannot recognize buildings at all - much less, jump over them.
TIMELINESS	Is faster than a speeding bullet.	Is as fast as a speeding bullet.	Not quite as fast as a speeding bullet.	Would you believe a slow bullet?	Wounds self with bullets, when attempting to shoot gun.
INITIATIVE	Is stronger than a locomotive.	Is stronger than a Bull Elephant.	Is stronger than a Bull.	Shoots the Bull.	Smells like a Bull.
ADAPTABILITY	Walks on water.	Walks on water in emergencies.	Washes with water.	Drinks water.	Passes water in emergencies.
COMMUNICATION	Talks with God.	Talks with the Angels.	Talks to himself.	Argues with himself.	Loses these arguments.

COUPON DOLLARS

3 Days Only

JUNE 3,4,5
Mon Tues Wed

This coupon worth

\$ 5

F.R.C.
Towards the purchase
of any merchandise
over \$50.
Exclusive of tax
Expires 6/5/74

This coupon worth

\$10

F.R.C.
Towards the purchase
of any merchandise
over \$100
Exclusive of tax
Expires 6/5/74

Present coupon with purchase, maximum coupon value
is \$20. Regardless of total purchase.

This coupon worth

\$15

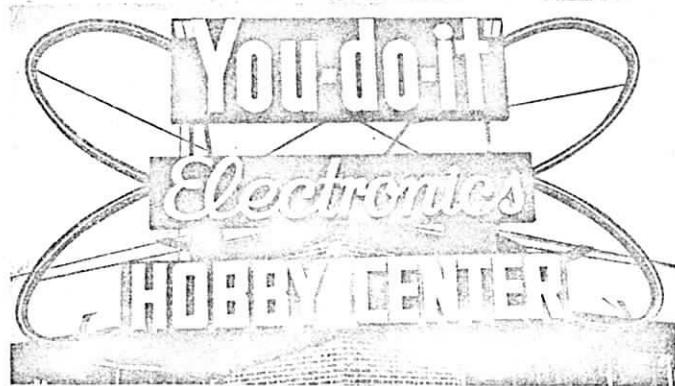
F.R.C.
Towards the purchase
of any merchandise
over \$150
Exclusive of tax
Expires 6/5/74

This coupon worth

\$20

F.R.C.
Towards the purchase
of any merchandise
\$200 and over
Exclusive of tax
Expires 6/5/74

PLEASE NOTE: Coupons not
good for special sale items.



on ROUTE 128

TAKE EXIT 56E

40 FRANKLIN STREET, NEEDHAM

TELEPHONE 449-1005

OPEN 9a.m. to 9p.m.- Sat. 9to 6

**PRE-INVENTORY
SALE**

BEGINS MONDAY JUNE 3, 1974

You-Do-It Electronics HOBBY CENTER

ADVANCE NOTICE
TO OUR REGULAR CUSTOMERS
OF OUR ANNUAL PRE-INVENTORY.....

SALE

BEGINS MONDAY
JUNE 3, 1974

MARK YOUR CALENDAR.... SAVE THIS AD
AND BRING IN ANYTIME DURING JUNE 3 TO 8 FOR FREE GIFT

HERE IS A PREVIEW 

Color Television \$178

B & W Portable TV
\$49 ^{SALE} AND \$59 ^{SALE}

CASSETTE TAPE RECORDER \$1777

PORTABLE AM RADIO ... \$1.88
STEREO HEADPHONES ... \$3.99

8 TRACK AUTO STEREO TAPE PLAYER \$14.77

HUNDREDS OF OTHER ITEMS ON SALE!

**WATCH FOR OUR AD IN THE BOSTON
SUNDAY GLOBE JUNE 2**

Be early as some items are limited supply, and will go fast. We reserve the right to limit quantities on some merchandise.

NEW ENGLAND'S OLDEST & COMPLETE OUTLET FOR
NAME BRAND ELECTRONIC EQUIPMENT & SUPPLIES

FL574-4K

QST DE W1AW
HR OFFICIAL BULLETIN NR 480 FROM ARRL HEADQUARTERS
NEWINGTON CT MAY 9, 1974
TO ALL RADIO AMATEURS BT

THE SENATE HAS ADOPTED AND FORWARDED TO THE HOUSE THE GOLDWATER BILL, SENATE JOINT RESOLUTION 197, WHICH WOULD AUTHORIZE NATIONAL AMATEUR RADIO WEEK JUNE 17 TO 23, 1974. THE BILL HAS BEEN ASSIGNED TO THE COMMITTEE ON THE JUDICIARY OF WHICH THE CHAIRMAN IS PETER RODINO, JR. AND RANKING MINORITY MEMBER IS EDWARD HUTCHINSON, SUITE 2137, HOUSE OF REPRESENTATIVES, WASHINGTON DC 20515. AR

Be at the Next Meeting -- Thursday, June 13. Field Day topics as well as directions to the Gibson Farm.

Good Luck to George Kearsley -- newly elected Club Secretary, who will be publishing the NEWSLETTER for the next year.

I hope that you have enjoyed the "New Look" of the F.R.C. NEWSLETTER.

'73's
Enzo WA1PYF